

02-17-06

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Filed Via Express Mail  
Rec. No.: EV478587647US  
On: February 16, 2006  
By: [Signature]

Brendy Belony

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor :Masamichi KASA, et al.  
Filed :February 1, 2002  
For :COMMUNICATION SYSTEM  
Serial Number :10/062,488

February 16, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

S I R:

In order to comply with discretionary regulations 37 CFR §§ 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of non-US documents (if any) listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

For documents written in a language other than English, English language abstracts and/or explanations are annexed thereto explaining relevancy in accordance with 37 CFR §1.98 (a)(3).

Also attached is a Supplementary European Search Report dated January 20, 2006.

Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the information disclosure statement.

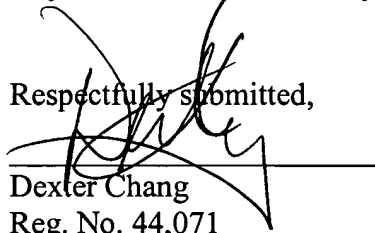
As this statement is being filed prior to issuance of a first Office Action, no fee is due. However, any fee determined to be due with this statement may be charged to Deposit Account 50-1290.

The present Disclosure Statement is being submitted in compliance with 37 CFR §1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR §§1.104 (a) and 1.106 (b), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Account 50-1290.

Respectfully submitted,

  
Dexter Chang  
Reg. No. 44,071

CUSTOMER NUMBER 026304  
Docket No.: FUJZ 19.408

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Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. : 10/062,488
		Filing Date :
		First Named Inventor : M. KASA
		Group Art Unit :
		Examiner Name :
		Attorney Docket No. : FUJZ 19.408

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
**Sheet 1 of 2**

**U.S. PATENT DOCUMENTS**

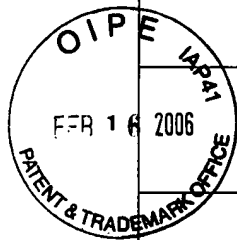
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		5,600,643		ROBROCK, II	02-04-1997	
		5,844,906		KHELGHATTI ET AL.	12-01-1998	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		WO 99/09689		PCT	MOTOROLA INC.	02-25-1999	
		0 774 848		EP	XEROX CORPORATION	05-21-1997	

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
		Supplementary European Search Report dated January 20, 2006	
		S. STOJANOVSKI, et al. A Block Reservation Approach for Traffic Management over SuperPON. ATM Workshop Proceedings, May 26, 1998, pages 253-260 XP010280497.	
		J.D. ANGELOPOULOS, et al. Comparison of Traffic Control Issues Between Regular Pons and Superpons. Mediterranean Electrotechnical Conference, Vol. 2 May 18, 1998, pages 769-773, XP010290928.	
		FRANS PANKEN, et al. Investigations on delay and CDV in an ATM-Based optical access network. IEEE ATM WORKSHOP, May 25, 1997, pages 467-476, XP010247432.	
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		MASSIMO BUZZONI, et al. ATM Traffic Management Systems: ASIC Fast Prototyping. Rapid System Prototyping, June 16, 1999, pages 74-80, XP010343096.	
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		ITU-T RECOMMENDATIO G.983.1- Broadband Optical Access Systems based on Passive Optical Networks (P ON). Series G: Transmission System and Media Digital Systems and Networks, October 1, 1998, pages 1-118, XP 002145020.	
		FRANS J.M. PANKEN. A TDMA Based Access Control Scheme for an ATM Passive Optical Tree Network. Broadband Communications, April 23, 1996, pages 321-332, XP010525732.	
		PRASHANT PRADHAN, et al. Real-Time Performance Guarantees over Wired/Wireless LANs. Real-Time Technology and Applications Symposium, June 3, 1998, pages 29-38, XP010287146.	



		JOHN D. ANGELOPOULOS, et al . TDMA Multiplexing of ATM Cells in a Residential Access SuperPON. IEEE Journal on Selected Areas in Communications, vol. 16, no.7, September 1998, pages 1123-1133, XP000785936.	
		TOSHIYUKI SUDO, et al. Analysis of ABR Behavior over ATM-Based Broadband Access Networks. IEICE Transactions on Communications, Communication Society, vol. E81-B, no. 2, February 1998, pages 402-408, XP000778279.	
		JONG-WON KIM. An Optimized ATM-PON Based FTTH Access Network. Information, Communications and Signal Processing, September 9, 1997, vol. 3, pages 1800-1804, XP010264117	
Examiner Signature		Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>6</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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